Nina Cedergreen

List of Publications by Year
in descending order

115 papers	6,158 citations	66343 42 h-index	74163 75 g-index
119 all docs	119 docs citations	119 times ranked	6229 citing authors

#	Article	IF	Citations
1	Single and mixture toxicity of selected pharmaceuticals to the aquatic macrophyte Lemna minor. Ecotoxicology, 2022, 31, 714-724.	2.4	3
2	Long-term fertilization with urban and animal wastes enhances soil quality but introduces pharmaceuticals and personal care products. Agronomy for Sustainable Development, 2022, 42, 1.	5.3	4
3	Species sensitivity distribution of dichlorvos in surface water species. Sustainable Environment Research, 2022, 32, .	4.2	0
4	Application of General Unified Threshold Models of Survival Models for Regulatory Aquatic Pesticide Risk Assessment Illustrated with an Example for the Insecticide Chlorpyrifos. Integrated Environmental Assessment and Management, 2021, 17, 243-258.	2.9	9
5	Can Organophosphates and Carbamates Cause Synergisms by Inhibiting Esterases Responsible for Biotransformation of Pyrethroids?. Environmental Science & Technology, 2021, 55, 1585-1593.	10.0	9
6	A Nonmechanistic Parametric Modeling Approach for Benchmark Dose Estimation of Eventâ€Time Data. Risk Analysis, 2021, 41, 2081-2093.	2.7	1
7	Grandmother's pesticide exposure revealed bi-generational effects in Daphnia magna. Aquatic Toxicology, 2021, 236, 105861.	4.0	16
8	Environmental monitoring and risk assessment in a tropical Costa Rican catchment under the influence of melon and watermelon crop pesticides. Environmental Pollution, 2021, 284, 117498.	7.5	13
9	Using TKTD Models in Combination with <i>In Vivo</i> Enzyme Inhibition Assays to Investigate the Mechanisms behind Synergistic Interactions across Two Species. Environmental Science & Technology, 2021, 55, 13990-13999.	10.0	2
10	Toxicity and risk of plant-produced alkaloids to Daphnia magna. Environmental Sciences Europe, 2021, 33, .	5.5	34
11	Timing of sub-lethal insecticide exposure determines parasite establishment success in an insect-helminth model. Parasitology, 2020, 147, 120-125.	1.5	4
12	A comparative study of acetylcholinesterase and general-esterase activity assays using different substrates, in vitro and in vivo exposures and model organisms. Ecotoxicology and Environmental Safety, 2020, 189, 109954.	6.0	4
13	Differences in life stage sensitivity of the beetle Tenebrio molitor towards a pyrethroid insecticide explained by stage-specific variations in uptake, elimination and activity of detoxifying enzymes. Pesticide Biochemistry and Physiology, 2020, 162, 113-121.	3.6	17
14	Linking Morphology, Toxicokinetic, and Toxicodynamic Traits of Aquatic Invertebrates to Pyrethroid Sensitivity. Environmental Science & Technology, 2020, 54, 5687-5699.	10.0	24
15	<i>bmd</i>: an R package for benchmark dose estimation. PeerJ, 2020, 8, e10557.	2.0	14
16	Comparative assessment of the risks associated with use of manure and sewage sludge in Danish agriculture. Advances in Agronomy, 2020, 164, 289-334.	5.2	8
17	Stability of saponin biopesticides: hydrolysis in aqueous solutions and lake waters. Environmental Sciences: Processes and Impacts, 2019, 21, 1204-1214.	3.5	8
18	Quantification of the activity of detoxifying enzymes in terrestrial invertebrates: Optimization, evaluation and use of in vitro and ex vivo methods. Methods in Ecology and Evolution, 2019, 10, 726-734.	5.2	2

#	Article	IF	Citations
19	Guidance on harmonised methodologies for human health, animal health and ecological risk assessment of combined exposure to multiple chemicals. EFSA Journal, 2019, 17, e05634.	1.8	201
20	Enantioselective mixture toxicity of the azole fungicide imazalil with the insecticide Î±-cypermethrin in Chironomus riparius: Investigating the importance of toxicokinetics and enzyme interactions. Chemosphere, 2019, 225, 166-173.	8.2	17
21	The synergistic potential of azole fungicides does not directly correlate to the inhibition of cytochrome P450 activity in aquatic invertebrates. Aquatic Toxicology, 2019, 207, 187-196.	4.0	25
22	Nitrate: An Environmental Endocrine Disruptor? A Review of Evidence and Research Needs. Environmental Science & Technology, 2018, 52, 3869-3887.	10.0	64
23	Seasonal sensitivity of Gammarus pulex towards the pyrethroid cypermethrin. Chemosphere, 2018, 200, 632-640.	8.2	16
24	Implications of sequence and timing of exposure for synergy between the pyrethroid insecticide alphaâ€cypermethrin and the entomopathogenic fungus <i>Beauveria bassiana</i>. Pest Management Science, 2018, 74, 2488-2495.	3.4	30
25	Where does the toxicity come from in saponin extract?. Chemosphere, 2018, 204, 243-250.	8.2	29
26	Management of beet rust in accordance with IPM principles. Crop Protection, 2018, 111, 6-16.	2.1	9
27	What is the aquatic toxicity of saponin-rich plant extracts used as biopesticides?. Environmental Pollution, 2018, 236, 416-424.	7.5	26
28	Refined assessment and perspectives on the cumulative risk resulting from the dietary exposure to pesticide residues in the Danish population. Food and Chemical Toxicology, 2018, 111, 207-267.	3.6	15
29	Similar recovery time of microbial functions from fungicide stress across biogeographical regions. Scientific Reports, 2018, 8, 17021.	3.3	4
30	Scientific Opinion on the state of the art of Toxicokinetic/Toxicodynamic (TKTD) effect models for regulatory risk assessment of pesticides for aquatic organisms. EFSA Journal, 2018, 16, e05377.	1.8	69
31	Can the inhibition of cytochrome P450 in aquatic invertebrates due to azole fungicides be estimated with in silico and in vitro models and extrapolated between species?. Aquatic Toxicology, 2018, 201, 11-20.	4.0	12
32	Combined effects of antifouling biocides on the growth of three marine microalgal species. Chemosphere, 2018, 209, 801-814.	8.2	37
33	The effects of epoxiconazole and Î±â€cypermethrin on <i>Daphnia magna</i> growth, reproduction, and offspring size. Environmental Toxicology and Chemistry, 2017, 36, 2155-2166.	4.3	51
34	Assessing interactions of binary mixtures of Penicillium mycotoxins (PMs) by using a bovine macrophage cell line (BoMacs). Toxicology and Applied Pharmacology, 2017, 318, 33-40.	2.8	11
35	Quantifying dietary exposure to pesticide residues using spraying journal data. Food and Chemical Toxicology, 2017, 105, 407-428.	3.6	5
36	Is nitrate an endocrine disruptor?. Integrated Environmental Assessment and Management, 2017, 13, 210-212.	2.9	4

#	Article	IF	Citations
37	Mechanistic Understanding of the Synergistic Potential of Azole Fungicides in the Aquatic Invertebrate <i>Gammarus pulex</i>. Environmental Science & Technology, 2017, 51, 12784-12795.	10.0	39
38	Low Dose Effects of Pesticides in the Aquatic Environment. ACS Symposium Series, 2017, , 167-187.	0.5	7
39	Can Toxicokinetic and Toxicodynamic Modeling Be Used to Understand and Predict Synergistic Interactions between Chemicals?. Environmental Science & Technology, 2017, 51, 14379-14389.	10.0	36
40	Determining lower threshold concentrations for synergistic effects. Aquatic Toxicology, 2017, 182, 79-90.	4.0	27
41	The influence of nitrogen and phosphorous status on glyphosate hormesis in Lemna minor and Hordeum vulgare. European Journal of Agronomy, 2016, 73, 107-117.	4.1	11
42	Modelling survival: exposure pattern, species sensitivity and uncertainty. Scientific Reports, 2016, 6, 29178.	3.3	56
43	What causes the difference in synergistic potentials of propiconazole and prochloraz toward pyrethroids in Daphnia magna?. Aquatic Toxicology, 2016, 172, 95-102.	4.0	21
44	Measuring cytochrome P450 activity in aquatic invertebrates: a critical evaluation of in vitro and in vivo methods. Ecotoxicology, 2016, 25, 419-430.	2.4	50
45	Measuring internal azole and pyrethroid pesticide concentrations in Daphnia magna using QuEChERS and GC-ECDâ€"method development with a focus on matrix effects. Analytical and Bioanalytical Chemistry, 2016, 408, 1055-1066.	3.7	14
46	Suspended particles only marginally reduce pyrethroid toxicity to the freshwater invertebrate Gammarus pulex (L.) during pulse exposure. Ecotoxicology, 2016, 25, 510-520.	2.4	9
47	Glyphosate accumulation, translocation, and biological effects in Coffea arabica after single and multiple exposures. European Journal of Agronomy, 2016, 74, 133-143.	4.1	9
48	The chronic effects of lignin-derived bisphenol and bisphenol A in Japanese medaka Oryzias latipes. Aquatic Toxicology, 2016, 170, 199-207.	4.0	43
49	Influence of rice field agrochemicals on the ecological status of a tropical stream. Science of the Total Environment, 2016, 542, 12-21.	8.0	22
50	Analysis of glyphosate and aminomethylphosphonic acid in leaves from Coffea arabica using high performance liquid chromatography with quadrupole mass spectrometry detection. Talanta, 2016, 146, 609-620.	5.5	24
51	Variable Temperature Stress in the Nematode Caenorhabditis elegans (Maupas) and Its Implications for Sensitivity to an Additional Chemical Stressor. PLoS ONE, 2016, 11, e0140277.	2.5	22
52	The influence of tomato processing on residues of organochlorine and organophosphate insecticides and their associated dietary risk. Science of the Total Environment, 2015, 527-528, 262-269.	8.0	67
53	The legacy of pesticide pollution: An overlooked factor in current risk assessments of freshwater systems. Water Research, 2015, 84, 25-32.	11.3	130
54	The synergistic potential of the azole fungicides prochloraz and propiconazole toward a short Î±-cypermethrin pulse increases over time in Daphnia magna. Aquatic Toxicology, 2015, 162, 94-101.	4.0	41

#	Article	IF	Citations
55	Mixture Genotoxicity of 2,4-Dichlorophenoxyacetic Acid, Acrylamide, and Maleic Hydrazide on Human Caco-2 Cells Assessed with Comet Assay. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 369-380.	2.3	11
56	The importance of experimental time when assessing the effect of temperature on toxicity in poikilotherms. Environmental Toxicology and Chemistry, 2014, 33, 1363-1371.	4.3	7
57	Soil pH effects on the comparative toxicity of dissolved zinc, non-nano and nano ZnO to the earthworm<i>Eisenia fetida</i>. Nanotoxicology, 2014, 8, 559-572.	3.0	108
58	Temperature-Dependent Toxicity of Artemisinin Toward the Macrophyte Lemna minor and the Algae Pseudokirchneriella subcapitata. Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	4
59	Glyphosate spray drift in Coffea arabica â€" Sensitivity of coffee plants and possible use of shikimic acid as a biomarker for glyphosate exposure. Pesticide Biochemistry and Physiology, 2014, 115, 15-22.	3.6	35
60	Dynamic Modeling of Sublethal Mixture Toxicity in the Nematode <i>Caenorhabditis elegans</i>. Environmental Science & Technology, 2014, 48, 7026-7033.	10.0	43
61	Quantifying Synergy: A Systematic Review of Mixture Toxicity Studies within Environmental Toxicology. PLoS ONE, 2014, 9, e96580.	2.5	560
62	Sediment Toxicity Testing for Prospective Risk Assessmentâ€"A New Framework and How to Establish It. Human and Ecological Risk Assessment (HERA), 2013, 19, 98-117.	3.4	5
63	The use of elements as a substitute for biomass in toxicokinetic studies in small organisms. Ecotoxicology, 2013, 22, 1509-1515.	2.4	5
64	Loss of artemisinin produced by Artemisia annua L. to the soil environment. Industrial Crops and Products, 2013, 43, 132-140.	5.2	23
65	Distribution and ecological impact of artemisinin derived from Artemisia annua L. in an agricultural ecosystem. Soil Biology and Biochemistry, 2013, 57, 164-172.	8.8	20
66	Pyrethroid effects on freshwater invertebrates: A meta-analysis of pulse exposures. Environmental Pollution, 2013, 182, 479-485.	7.5	47
67	Influence of pH, light cycle, and temperature on ecotoxicity of four sulfonylurea herbicides towards Lemna gibba. Ecotoxicology, 2013, 22, 33-41.	2.4	14
68	Low temperatures enhance the toxicity of copper and cadmium to <i>Enchytraeus crypticus</i> through different mechanisms. Environmental Toxicology and Chemistry, 2013, 32, 2274-2283.	4.3	25
69	Synergy between prochloraz and esfenvalerate in Daphnia magna from acute and subchronic exposures in the laboratory and microcosms. Aquatic Toxicology, 2012, 110-111, 17-24.	4.0	43
70	Effects of a triazole fungicide and a pyrethroid insecticide on the decomposition of leaves in the presence or absence of macroinvertebrate shredders. Aquatic Toxicology, 2012, 118-119, 54-61.	4.0	54
71	How does growth temperature affect cadmium toxicity measured on different life history traits in the soil nematode <i>Caenorhabditis elegans</i>?. Environmental Toxicology and Chemistry, 2012, 31, 787-793.	4.3	19
72	Can the joint effect of ternary mixtures be predicted from binary mixture toxicity results?. Science of the Total Environment, 2012, 427-428, 229-237.	8.0	45

#	Article	IF	Citations
73	Synergy in microcosms with environmentally realistic concentrations of prochloraz and esfenvalerate. Aquatic Toxicology, 2011, 101, 412-422.	4.0	43
74	Herbicide hormesis â€“ can it be useful in crop production?. Weed Research, 2011, 51, 321-332.	1.7	76
75	Prediction of joint herbicide action by biomass and chlorophyll <i>a</i> fluorescence. Weed Research, 2011, 51, 23-32.	1.7	11
76	Biomedicine in the environment: Cyclotides constitute potent natural toxins in plants and soil bacteria. Environmental Toxicology and Chemistry, 2011, 30, 1190-1196.	4.3	39
77	Toxicity and uptake of TRIâ€•and dibutyltin in <i>Daphnia magna</i> in the absence and presence of nanoâ€charcoal. Environmental Toxicology and Chemistry, 2011, 30, 2553-2561.	4.3	21
78	Mixture effects of imidazole fungicides on cortisol and aldosterone secretion in human adrenocortical H295R cells. Toxicology, 2010, 275, 21-28.	4.2	51
79	A Random Effects Model for Binary Mixture Toxicity Experiments. Journal of Agricultural, Biological, and Environmental Statistics, 2010, 15, 562-577.	1.4	3
80	Pesticide cocktails can interact synergistically on aquatic crustaceans. Environmental Science and Pollution Research, 2010, 17, 957-967.	5.3	114
81	Can glyphosate stimulate photosynthesis?. Pesticide Biochemistry and Physiology, 2010, 96, 140-148.	3.6	79
82	Parthenin hormesis in plants depends on growth conditions. Environmental and Experimental Botany, 2010, 69, 293-301.	4.2	73
83	Predicting hormesis in mixtures. Integrated Environmental Assessment and Management, 2010, 6, 310-311.	2.9	8
84	Glyphosate uncouples gas exchange and chlorophyll fluorescence. Pest Management Science, 2010, 66, 536-542.	3.4	42
85	Mixture effects of dietary flavonoids on steroid hormone synthesis in the human adrenocortical H295R cell line. Food and Chemical Toxicology, 2010, 48, 3194-3200.	3.6	19
86	Plant Growth Is Stimulated by Tea-seed Extract: A New Natural Growth Regulator?. Hortscience: A Publication of the American Society for Hortcultural Science, 2010, 45, 1848-1853.	1.0	27
87	On the Use of Mixture Toxicity Assessment in REACH and the Water Framework Directive: A Review. Human and Ecological Risk Assessment (HERA), 2009, 15, 1257-1272.	3.4	50
88	Degradation and ecotoxicity of the biomedical drug artemisinin in soil. Environmental Toxicology and Chemistry, 2009, 28, 701-710.	4.3	40
89	Chemical stress can increase crop yield. Field Crops Research, 2009, 114, 54-57.	5.1	77
90	Biomarkers in Aquatic Plants: Selection and Utility. Reviews of Environmental Contamination and Toxicology, 2009, 198, 1-61.	1.3	34

#	Article	IF	Citations
91	Organophosphorous insecticides as herbicide synergists on the green algae Pseudokirchneriella subcapitata and the aquatic plant Lemna minor. Ecotoxicology, 2008, 17, 29-35.	2.4	39
92	A review of independent action compared to concentration addition as reference models for mixtures of compounds with different molecular target sites. Environmental Toxicology and Chemistry, 2008, 27, 1621-1632.	4.3	272
93	Herbicides can stimulate plant growth. Weed Research, 2008, 48, 429-438.	1.7	93
94	Hormesis in mixtures â€" Can it be predicted?. Science of the Total Environment, 2008, 404, 77-87.	8.0	87
95	Is the growth stimulation by low doses of glyphosate sustained over time?. Environmental Pollution, 2008, 156, 1099-1104.	7.5	98
96	Mixture toxicity of three toxicants with similar and dissimilar modes of action to Daphnia magna. Ecotoxicology and Environmental Safety, 2008, 69, 428-436.	6.0	85
97	The Occurrence of Hormesis in Plants and Algae. Dose-Response, 2007, 5, dose-response.0.	1.6	168
98	Is mixture toxicity measured on a biomarker indicative of what happens on a population level? A study with Lemna minor. Ecotoxicology and Environmental Safety, 2007, 67, 323-332.	6.0	34
99	Combination effects of herbicides on plants and algae: do species and test systems matter?. Pest Management Science, 2007, 63, 282-295.	3.4	57
100	Biological stress response terminology: Integrating the concepts of adaptive response and preconditioning stress within a hormetic doseâ€"response framework. Toxicology and Applied Pharmacology, 2007, 222, 122-128.	2.8	631
101	REPRODUCIBILITY OF BINARY-MIXTURE TOXICITY STUDIES. Environmental Toxicology and Chemistry, 2007, 26, 149.	4.3	75
102	An isobole-based statistical model and test for synergism/antagonism in binary mixture toxicity experiments. Environmental and Ecological Statistics, 2007, 14, 383-397.	3.5	70
103	Relative potency in nonsimilar doseâ€"response curves. Weed Science, 2006, 54, 407-412.	1.5	70
104	Is prochloraz a potent synergist across aquatic species? A study on bacteria, daphnia, algae and higher plants. Aquatic Toxicology, 2006, 78, 243-252.	4.0	81
105	Activities of mixtures of soil-applied herbicides with different molecular targets. Pest Management Science, 2006, 62, 1092-1097.	3.4	16
106	CAN THE CHOICE OF ENDPOINT LEAD TO CONTRADICTORY RESULTS OF MIXTURE-TOXICITY EXPERIMENTS?. Environmental Toxicology and Chemistry, 2005, 24, 1676.	4.3	80
107	IMPROVED EMPIRICAL MODELS DESCRIBING HORMESIS. Environmental Toxicology and Chemistry, 2005, 24, 3166.	4.3	179
108	The toxicity of herbicides to non-target aquatic plants and algae: assessment of predictive factors and hazard. Pest Management Science, 2005, 61, 1152-1160.	3.4	138

#	Article	IF	Citations
109	Does the effect of herbicide pulse exposure on aquatic plants depend on Kow or mode of action?. Aquatic Toxicology, 2005, 71, 261-271.	4.0	66
110	Light regulation of root and leaf NO 3 â˜ uptake and reduction in the floating macrophyte Lemna minor. New Phytologist, 2004, 161, 449-457.	7.3	32
111	Species-specific sensitivity of aquatic macrophytes towards two herbicide. Ecotoxicology and Environmental Safety, 2004, 58, 314-323.	6.0	50
112	Sensitivity of aquatic plants to the herbicide metsulfuron-methyl. Ecotoxicology and Environmental Safety, 2004, 57, 153-161.	6.0	52
113	Nitrate reductase activity in roots and shoots of aquatic macrophytes. Aquatic Botany, 2003, 76, 203-212.	1.6	49
114	Sources of nutrients to rooted submerged macrophytes growing in a nutrient-rich stream. Freshwater Biology, 2002, 47, 283-291.	2.4	202
115	Nitrogen uptake by the floating macrophyte Lemna minor. New Phytologist, 2002, 155, 285-292.	7.3	132